

1. Scientists plan an investigation to test the hypothesis.

A



B



2. Once scientists collect data, they _____ data

A

Everything mentioned.

B

Interpret.



















C

Analyze.

D

Organize.

3.

Favorite Fruits						
	Apple					
	Orange					
	Pear					

Look at the picture. It represents a :

A

Table.

B

Picture graph.

C

Bar graph.

D

Tally chart.

4.



Hubble Telescope takes pictures of objects in the sky such as _____.

A

Galaxies.

B

Stars.

C

Planets.

D

Everything mentioned.

5.



Models cannot help Scientists understand how things work.

A



B



6.



Scientists can write in scientific journals to communicate their results with other scientists.

A



B



7.

The scientists draw a conclusion based on the data they collected.

A



B



8.

This tool is used to see objects that are too small to be seen with the unaided eye.

A



B



C



D



9.

This tool is used to measure the mass of objects.

A



B



C



D



10.

This tool is used to measure the length of longer objects.

A



B



C



D



11. This tool is used to measure the volume of water.

A



B



C



D



12. _____ can be used to communicate data.

A

Procedure.

B

Models.

C

Dependent variable.

D

Controlled variable.

13. A _____ is a step-by-step plan of an experiment.

A

Dependent variable.

B

Procedure.

C

Controlled variable.

D

Models.

14. _____ are things that you keep the same during the experiment.

A

Dependent variable.

B

Controlled variable.

C

Procedure.

D

Models.

15. _____ is what you measure during the experiment.

A

Controlled variable.

B

Procedure.

C

Dependent variable.

D

Models.

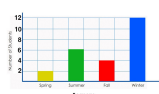
16. Scientists _____ what they observe.

17.

Season	Tally
spring	
summer	
fall	
winter	

Look at the table. The correct bar graph represents the data in the table is:

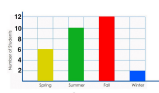
A



B



C



D

